amdta

SEQUENCE LISTING

<110> Rothschild, Kenneth

Gite, Sadanand

Olejnik, Jerzy

<120>   Methods for the Detection, Analysis and Isolation of Nascent Proteins

<130>   AMBER-06797

<140>   10/049,332

<141>   2002-02-11

<150>   PCT/US00/23233

<151>   2000-08-23

<150>   09/382,950

<151>   1999-08-25

<160>   40

<170>   PatentIn version 3.0

<210>   1

<211>   11

<212>   DNA

<213>   Artificial Sequence

<220>

<223>   Synthetic

<400>   1
gccagccatg g   11

<210>   2

<211>   9

<212>   DNA

<213>   Artificial Sequence

<220>

<223>   Synthetic

<400> 2
uaaggaggu   9

<210> 3

<211> 22

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic

<220>

<221> misc_feature

<222> (10)..(19)

<223> All n's can be a, c, t, or g, and 5 may be absent or present

<400> 3
uaaggaggun nnnnnnnnna ug   22

<210> 4

<211> 17

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic

<400> 4

Trp Glu Ala Ala Ala Arg Glu Ala Cys Cys Arg Glu Cys Cys Ala Arg
1   5   10   15

Ala

<210> 5

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic

<400> 5

His His His His His His
1   5

141
- 2 -

<210> 6

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic

<400> 6

Glu Gln Lys Leu Ile Ser Glu Glu Asp Leu
1   5   10

<210> 7

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic

<400> 7

Asp Tyr Lys Asp Asp Asp Asp Lys
1   5

<210> 8

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic

<400> 8

Trp Ser His Pro Gln Phe Glu Lys
1   5

<210> 9

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic

<400> 9

Tyr Pro Tyr Asp Val Pro Asp Tyr Ala
1   5

<210> 10

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic

<400> 10

Met Trp Ser Pro Gln Phe Glu Lys
1   5

<210> 11

<211> 111

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic

<400> 11
gaattctaat acgactcact atagggttaa ctttaagaag gagatataca tatggaacaa   60

aaattaatct cggaagagga tttggcagat tctgatatta atattaaaac c   111

<210> 12

<211> 30

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic

<400> 12
agcttcatta atgatggtga tggtggtgac   30

<210> 13

<211> 94

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic

<400> 13
ggatcctaat acgactcact atagggagac caccatggaa caaaaattaa tatcggaaga   60

ggatttgaat gtttctccat acaggtcacg ggga   94

<210> 14

<211> 51

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic

<400> 14
ttattaatga tggtgatggt ggtgttctgt aggaatggta tctcgttttt c   51

<210> 15

<211> 114

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic

<400> 15
ggatcctaat acgactcact atagggagac caccatggga caccaccatc accatcacgg   60

agattacaaa gatgacgatg acaaagagga gccgcagtca gatcctagcg tcga   114

<210> 16

<211> 68

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic

144

```
<400>  16
attattacaa atcctcttcc gagattaatt tttgttcgtc tgagtcaggc ccttctgtct      60

tgaacatg                                                              68

<210>  17

<211>  30

<212>  DNA

<213>  Artificial Sequence

<220>

<223>  Synthetic

<400>  17
ctcattcagc tctcggaaca tctcgaagcg                                      30

<210>  18

<211>  58

<212>  DNA

<213>  Artificial Sequence

<220>

<223>  Synthetic

<400>  18
ggatcctaat acgactcact ataggagac caccatggat gcatgtggaa ctttgtgg       58

<210>  19

<211>  28

<212>  DNA

<213>  Artificial Sequence

<220>

<223>  Synthetic

<400>  19
gaggatccat tagatgaagg tgtggacg                                        28

<210>  20

<211>  115

<212>  DNA

<213>  Artificial Sequence

<220>

<223>  Synthetic
```

<400> 20
ggatcctaat acgactcact atagggagac caccatgcac caccatcacc atcacggagg   60

agattacaaa gatgacgatg acaaagtttc tccatacagg tcacggggag ccaat   115

<210> 21

<211> 67

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic

<400> 21
attattacaa atcctcttcc gagattaatt tttgttcact tctgccttct gtaggaatgg   60

tatctcg   67

<210> 22

<211> 16

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic

<400> 22

Cys Ser Pro Phe Glu Val Gln Val Ser Pro Glu Ala Gly Ala Gln Lys
1   5   10   15

<210> 23

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic

<400> 23

Met Ala Ser Met Thr Gly Gly Gln Gln Met Gly
1   5   10

146
-ᠤ-

<210> 24

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic

<400> 24

Tyr Thr Asp Ile Glu Met Asn Arg Leu Gly Lys
1   5   10

<210> 25

<211> 12

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic

<400> 25

Glu Asp Gln Val Asp Pro Arg Leu Ile Asp Gly Lys
1   5   10

<210> 26

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic

<400> 26

Gln Pro Glu Leu Ala Pro Glu Asp Pro Glu Asp
1   5   10

<210> 27

<211> 18

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic

```
<400>   27
catcaccatc accatcac                                                    18

<210>   28

<211>   24

<212>   DNA

<213>   Artificial Sequence

<220>

<223>   Synthetic

<400>   28
gactacaagg acgacgacga caag                                             24

<210>   29

<211>   30

<212>   DNA

<213>   Artificial Sequence

<220>

<223>   Synthetic

<400>   29
gagcagaagc tgatcagcga ggaggacctg                                       30

<210>   30

<211>   24

<212>   DNA

<213>   Artificial Sequence

<220>

<223>   Synthetic

<400>   30
tggagccacc cccagttcga gaag                                             24

<210>   31

<211>   48

<212>   DNA

<213>   Artificial Sequence

<220>

<223>   Synthetic

<400>   31
tgcagcccct tcgaggtgca ggtgagcccc gaggccggcg cccagaag                   48
```

-2148-

<210> 32

<211> 33

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic

<400> 32
atggccagca tgaccggcgg ccagcagatg ggc   33

<210> 33

<211> 33

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic

<400> 33
tacaccgaca tcgagatgaa ccgcctgggc aag   33

<210> 34

<211> 27

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic

<400> 34
tacccctacg acgtgcccga ctacgcc   27

<210> 35

<211> 36

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic

<400> 35
gaggaccagg tggaccccccg cctgatcgac ggcaag   36

<210> 36

<211> 33

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic

<400> 36
cagcccgagc tggcccccga ggaccccgag gac   33

<210> 37

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic

<400> 37

Ala Val Tyr Lys Trp
1   5

<210> 38

<211> 33

<212> RNA

<213> Artificial Sequence

<220>

<223> Synthetic

<400> 38
auguacacua aacaugauga uauccgaaaa uga   33

<210> 39

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic

<400> 39

Met Tyr Thr Lys Asp His Asp Ile Arg Lys
1   5   10

<210>   40

<211>   10

<212>   PRT

<213>   Artificial Sequence

<220>

<223>   Synthetic

<400>   40

Lys Arg Ile Asp Asp His Lys Thr Tyr Met
1   5   10

a'
conc'd